

Form PTO-1449 (modified)		Atty. Docket No. CLFR:009US	Serial No. 09/992,356
List of Patents and Publications for Applicant's INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant Jordan U. Gutterman Valsala Haridas	RECEIVED JUN 06 2002 JUN 12 2002 TECH CENTER 1600/2900
		Filing Date: November 16, 2001	16/5
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U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.

Foreign Patent Documents

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Exam. Init.	Ref. Des.	Citation
W.W.	C1	Akiyama <i>et al.</i> , "Genistein, a specific inhibitor of tyrosine-specific protein kinases," <i>J. Biol. Chem.</i> , 262:5592-5595, 1987.
	C2	Baeuerle and Baichwal, "NF-kB as a frequent target for immunosuppressive and anti-inflammatory molecules," <i>Adv. Immunol.</i> , 65: 111-137, 1997.
	C3	Bantel <i>et al.</i> , "Mistletoe lectin activates caspase-8/FLICE independently of death receptor signaling and enhances anticancer drug-induced apoptosis," <i>Cancer Res.</i> 59:2083-2090, 1999.
	C4	Beutler <i>et al.</i> , "Isolation and characterization of novel cytotoxic saponins from Archidendron ellipticum," <i>Bioorg. Med. Chem.</i> , 5:1509-1517, 1997.
	C5	Chen <i>et al.</i> , "Structure determination of three saponins from the stem bark of Albizzia julibrissin Durazz," <i>Yaoxue Xuebao</i> , 32:110-115, 1997, Abstract (article in Chinese).
	C6	Chen <i>et al.</i> , "Studies on the triterpene sapogenins from Albizziae cortex," <i>Yaoxue Xuebao</i> , 32:144-147, 1997, Abstract (article in Chinese).
	C7	D'Arcy and Kellett, "Glycyrrhetic acid," <i>Br. Med. J.</i> , 1:647, 1957.
	C8	Frechet <i>et al.</i> , "Four triterpenoid saponins from dried roots of <i>Gypsophila</i> species," <i>Phytochemistry</i> , 30:927-931, 1991.
↓	C9	Fulda <i>et al.</i> , "Betulinic acid triggers CD95 (APO-1/Fas)- and p53-independent apoptosis via activation of caspases in neuroectodermal tumors," <i>Cancer Res.</i> 57:4956-4964, 1997.

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EXAMINER: /Walter Webb/

DATE CONSIDERED: 01/24/2008

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W.W./	C10	Goodwin <i>et al.</i> , "Microglial release of nitric oxide by the synergistic action of beta-amyloid and IFN-gamma," <i>Brain Research</i> , 692(1-2):207-214, 1995.
	C11	Hanousek <i>et al.</i> , "Avicins, a family of triterpenoid saponins from <i>Acacia victoriae</i> (Benth), suppress H-ras mutations and aneuploidy in a murine skin carcinogenesis model," <i>Proc. Natl. Acad. Sci.</i> , 98:11551-11556, 2001.
	C12	Hantraye <i>et al.</i> , "Inhibition of neuronal nitric oxide synthase prevents MPTP-induced parkinsonism in baboons," <i>Nat. Med.</i> , 2:1017-1021, 1996.
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	C15	Hostettmann and Marston, <i>Chemistry and pharmacology of natural products, Saponins</i> , Cambridge University Press, 18-76, 1995.
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	C17	Inoue <i>et al.</i> , "Inhibitory effect of glycyrrhetic acid derivatives on lipoxygenase and prostaglandin synthetase," <i>Chem. Pharm. Bull.</i> , 34(2):897-901, 1986.
	C18	Kim <i>et al.</i> , "Inhibition of mouse ear edema by steroidal and triterpenoid saponins," <i>Archives of Pharmacol Research</i> , 22(3):313-316, 1999.
	C19	Ma <i>et al.</i> , "NMR determination of the structure of Julibroside J1," <i>Carbohydr. Res.</i> , 281:35-46, 1996.
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	C21	Prehn, "Regeneration versus neoplastic growth," <i>Carcinogenesis</i> , 18(8):1439-1444, 1997.
✓	C22	Schuh <i>et al.</i> , "Obligatory wounding requirement for tumorigenesis in v-jun transgenic mice," <i>Nature</i> , 346:756-760, 1990.

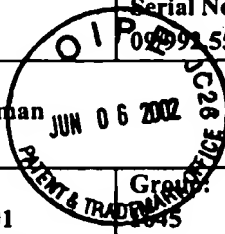
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	C24	Singh <i>et al.</i> , "Anti-inflammatory activity of oleanolic acid in rats and mice," <i>J. Pharm. Pharmacol.</i> , 44:456-458, 1992.
	C25	Sporn and Roberts, "Peptide growth factors and inflammation, tissue repair and cancer," <i>J. Clin. Invest.</i> , 78:329-332, 1986.
	C26	Takahashi <i>et al.</i> , "Increased expression of inducible and endothelial constitutive nitric oxide synthases in rat colon tumors induced by azoxymethane," <i>Cancer Research</i> , 57(7):1233-1237, 1997.
✓	C27	Zou <i>et al.</i> , "A new isomer of Julibroside J2 from Albizia julibrissin," <i>J. Asian Nat. Prod. Res.</i> , 1:59-66, 1998, Abstract.
	C28	Copending Patent Application Number 09/314,691, filed May 19, 1999.

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Valsala HaridasFiling Date:
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/W.W./	A1	3,070,623	12/25/62	Gottfried et al.	260	468.5	7/26/58
	A2	3,070,624	12/25/62	Baxendale et al.	260	468.5	3/2/61
	A3	4,146,615	3-27-79	Fauran et al.	424	195	2/19/78
	A4	4,196,265	4/1/80	Koprowski et al.	435	2	8/11/78
	A5	4,376,110	3/8/83	David et al.	436	513	8/4/80
	A6	4,452,901	6/5/84	Gordon et al.	436	506	4/20/81
	A7	4,526,714	7/2/85	Feijen et al.	260	112R	12/13/82
	A8	4,975,369	12/4/90	Beavers et al.	435	69.1	4/21/88
	A9	5,049,388	9/17/91	Knight et al.	424	450	7/21/89
	A10	5,183,756	2/2/93	Schlom	435	240.27	6/18/91
	A11	5,221,605	6/22/93	Bard et al.	435	4	10/30/90
	A12	5,238,808	8/24/93	Bard et al.	435	4	10/24/85
	A13	5,242,813	9/7/93	Pastan et al.	435	70.21	10/12/90
	A14	5,310,687	5/10/94	Bard et al.	436	518	11/4/91
	A15	5,607,915	3/4/97	Patton	514	12	4/25/94
	A16	5,919,770	7/6/99	Hideo et al.	514	26	10/22/97
	A17	6,444,233	9-3-02	Arntzen et al.	424	725	5-19-99

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/W.W./	B1	WO 99/33463	7-8-99	PCT			
/W.W./	B2	1346871	2/13/74	U.K.			
/W.W./	B3	753773	7/22/70	Belgium			

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/W.W./	B4	JP 06073084	3/15/94	Japan			
	B5	WO91/01750	2/21/91	PCT			
	B6	WO96/02555	2/1/96	PCT			
	B7	WO98/18810	5/7/98	PCT			
	B8	WO98/37919	9/3/98	PCT			
	B9	WO98/40100	9/17/98	PCT			
↓	B10	WO98/52581	11/26/98	PCT			

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	C30	Alessi and Cohen, "Mechanism of activation and function of protein kinase B," <i>Curr. Opin. Gene. Dev.</i> , 8:55-62, 1998.
	C31	Arnon, R. <i>et al.</i> , "Antiviral response elicited by a completely synthetic antigen with built-in adjuvanticity," <i>Proc. Natl. Acad. Sci.</i> 77(11):6769-6772 1980.
	C32	Baxter <i>et al.</i> , "Sapogenin structure: analysis of the ¹³ C- and ¹ H-NMR spectra of soyasapogenol b," <i>J. Nat. Prod.</i> , 53:298-302, 1990.
	C33	Bellacosa <i>et al.</i> , "Molecular alterations of the <i>AKT2</i> oncogene in ovarian and breast carcinomas," <i>Int. J. Cancer</i> , 64:280-285, 1995.
	C34	Beraud <i>et al.</i> , "Involvement of regulatory and catalytic subunits of phosphoinositide 3-kinase in NF-κB activation," <i>Proc. Natl. Acad. Sci. USA</i> , 96:429-434, 1999.
↓	C35	Berton <i>et al.</i> , "Epidermal proliferation but not the quantity of DNA photodamage is correlated with UV-induced mouse skin carcinogenesis," <i>Invest. Dermatol.</i> , 109:340-347, 1997.

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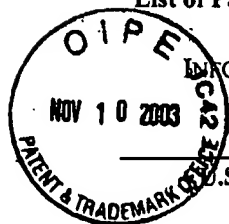
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W.W.I	C36	Brinkmann <i>et al.</i> , "B3(Fv)-PE38KDEL, a single-chain immunotoxin that causes complete regression of a human carcinoma in mice, <i>Proc. Natl. Acad. Sci. USA</i> , 88(19):8616-8620, 1991.
	C37	Cantley and Neel, "New insights into tumor suppression: PTEN suppresses tumor formation by restraining the phosphoinositide 3-kinase/AKT pathway," <i>Proc. Natl. Acad. Sci. USA</i> , 96:4240-4245, 1999.
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	C39	Chatterjee <i>et al.</i> , "Ultraviolet B radiation-induced DNA lesions in mouse epidermis," <i>Biochem. Biophys. Res. Commun.</i> , 229:590-595, 1996.
	C40	Cheatham <i>et al.</i> , "Structural and functional analysis of pp70 ^{S6k} ," <i>Proc. Natl. Acad. Sci.</i> , 92:11696-11700, 1995.
	C41	Chen and Snyder, "Diosgenin-bearing, molluscicidal saponins from <i>Allium vineale</i> : an NMR approach for the structural assignment of oligosaccharide units," <i>J. Org. Chem.</i> , 54:3679-3689, 1989.
	C42	Cho <i>et al.</i> , " <i>Agrobacterium rhizogenes</i> -mediated transformation and regeneration of the legume <i>Astragalus sinicus</i> (Chinese milk vetch)," <i>Plant Science</i> , 138:53-65, 1998.
	C43	Chou and Blenis, "The 70kDa S6 kinase complexes with and is activated by the Rho Family G proteins Cdc42 and Rac1," <i>Cell</i> , 85:573-583, 1996.
	C44	Christey, "Transgenic crop plants using <i>Agrobacterium rhizogenes</i> -mediated transformation," Doran, P.M., (ed.) <i>Hairy roots: Culture and applications</i> , Harwood, Amsterdam, 99-111, 1997.
	C45	Croce, C. M., "How can e prevent cancer, "How can we prevent cancer?" <i>Proc. Acad. Sci. USA</i> , 98:10986-10988, 2001.
	C46	Davis <i>et al.</i> , "Regulation of cholesterol synthesis and the potential for its pharmacologic manipulation," <i>Pharmac. Ther.</i> , 43:221-236, 1989.
	C47	DeNinno <i>et al.</i> , "Steroidal glycoside cholesterol absorption inhibitors," <i>J. Med. Chem.</i> , 40:2547-2554, 1997.
	C48	Downward, "Lipid-regulated kinases: some common themes at last," <i>Science</i> , 279:673-674, 1998.
	C49	Enari <i>et al.</i> , "Involvement of an ICE-like protease in Fas-mediated apoptosis," <i>Nature</i> , 375:78-81, 1995.
✓	C50	Felley-Bosco, "Role of nitric oxide in genotoxicity: implication for carcinogenesis," <i>Cancer and Metastasis</i> , 17:25-37, 1998.

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	C54	Gariboldi <i>et al.</i> , "Saponins from <i>Crossopteryx febrifuga</i> ," <i>Phytochemistry</i> , 29(8):2629-2635, 1990.
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	C56	Green and Reed, "Mitochondria and Apoptosis," <i>Science</i> , 281:1309-1312.
	C57	Gura, T., "Cancer Models: Systems for identifying new drugs are often faulty," <i>Science</i> , 278:1041-1042, 1997.
	C58	Hamburger <i>et al.</i> , "Acetylated saponins with molluscicidal activity from <i>Sapindus rarak</i> : unambiguous structure determination by proton nuclear magnetic resonance and quantitative analysis," <i>Phytochem. Anal.</i> , 3:231-237, 1992.
	C59	Hanausek <i>et al.</i> , "Avicins, a family of triterpenoid saponins from acacia victoriae (benthams), suppress H-ras mutations and aneuploidy in a murine skin carcinogenesis model," <i>Proc. Acad. Sci. USA</i> , 98:11551-11556, 2001.
	C60	Haridas <i>et al.</i> , "Avicins activate innate stress response by redox regulation of a gene battery," Manuscript drafted by Harida <i>et al.</i> , pp.1-44, 2003.
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	C63	Harmon <i>et al.</i> , "Activation of mammalian retinoid X receptors by the insect growth regulator methoprene," <i>Proc. Natl. Acad. Sci. USA</i> , 92:6157-6160, 1995.
↓	C64	Harris <i>et al.</i> , "Inhibiting cholesterol absorption with CP-88,818 (β -Tigogenin cellobioside; tiqueside): studies in normal and hyperlipidemic subjects," <i>J. Cardiovascular Pharmacology</i> , 30:55-60, 1997.

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	C68	Hu and Alfermann, "Diterpenoid production in hairy root cultures of <i>Salvia miltiorrhiza</i> ," <i>Phytochemistry</i> , 32(3):699-703; 1993.
	C69	Huang <i>et al.</i> , "Inhibition of skin tumorigenesis by rosemary and its constituents carnosol and ursolic acid," <i>Cancer Research</i> , 54:701-708, 1994.
	C70	International Search Report dated September 21, 1999.
/W.W./	C71	Jain, R. K., "Delivery of molecular medicine to solid tumors," <i>Science</i> , 271:1079-1080, 1996.
	C72	Jayatilake <i>et al.</i> , "Isolation and structures of avicins D and G: In vitro tumor-inhibitory saponins derived from <i>acacia victoriae</i> ," <i>Jour. Nat. Products</i> , 66:779-783, 2003.
	C73	Jiang <i>et al.</i> , "Triterpenoid glycosides from the bark of <i>Mimosa tenuiflora</i> ," <i>Phytochemistry</i> , 30(7):2357-2360, 1991.
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	C77	Kennedy <i>et al.</i> , "The PI 3-kinase/Akt signaling pathway delivers an anti-apoptotic signal," <i>Genes and Dev.</i> , 11:701-713, 1997.
	C78	Kojima and Ogura, "Configurational studies on hydroxy groups at C-2, 3 and 23 or 24 of oleanene and ursene-type triterpenes by NMR spectroscopy," <i>Phytochemistry</i> , 28:1703-1710, 1989.

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Applicant

Jordan U. Gutterman

Valsala Haridas

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